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## INTERNATIONAL SEARCH REPORT

International application No.

			PC1/0P	03/0515/		
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> H01M2/20, H01M2/30, H01M2/06						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Int	documentation searched (classification system followed . Cl <sup>7</sup> H01M2/20-H01M2/34, H01M2/	06				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003  Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003						
Electronic	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT					
C. DOCUM	Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  JP 2000-285905 A (Sanyo Electric Co., Ltd.), 1-3,6-8					
Category*	Citation of document, with indication, where a	opropriate, of the relevant p	assages	Relevant to claim No.		
Х	JP 2000-285905 A (Sanyo Electric 13 October, 2000 (13.10.00), Fig. 1 Par. Nos. [0021] to [0025] (Family: none)	ctric Co., Ltd.	),	1-3,5-8		
x	22 November, 2001 (22.11.01)	1; Par. Nos. [0015] to [0019]				
х	JP 2002-8630 A (TDK Corp.), 11 January, 2002 (11.01.02), Figs. 2 to 4 (Family: none)			1,4,6-8		
N Furthe	r documents are listed in the continuation of Box C.	See patent family an	inex.			
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		priority date and not in understand the princip document of particular considered navel or eastep when the document of particular considered to involve combined with one or combination being obdecument member of Date of mailing of the interest and the principles of mailing of the interest and the principles of mailing of the interest and the principles of mailing of the interest and the particular principles.	priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art			
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## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/05157

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C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT		
ategory*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No	
X	JP 2000-90906 A (Matsushita Electric Indu Co., Ltd.), 31 March, 2000 (31.03.00), Fig. 1 (Family: none)	strial	1,4,6-8
P, management of the control of the	<pre>JP 2003-86159 A (Matsushita Electric Indu Co., Ltd.), 20 March, 2003 (20.03.03), Fig. 8; Par. No. [0054] (Family: none)</pre>	strial	1,4,6-8
P,X	JP 2003-45492 A (Sony Corp.), 14 February, 2003 (14.02.03), Figs. 3, 4 (Family: none)		1,4,6-8
A	JP 2002-117819 A (GS Merukotekku Kabushik Kaisha), 19 April, 2002 (19.04.02), (Family: none)	i	1-8
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